

PATENTS ABSTRACTS OF JAPAN

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~~(54) THIN BATTERY~~

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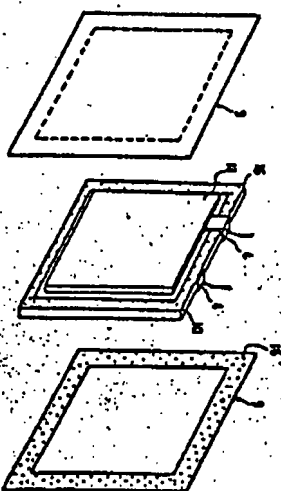
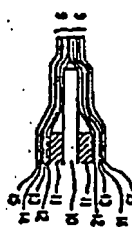
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PURPOSE: To prevent the capacity change of a battery even if bending stress is applied by fixing parts of power generating elements with a frame made of a plastic sheet and bonding the periphery of the frame to parts of outer jackets through connecting layers in airtightness.

CONSTITUTION: Power generating elements 11 are bonded to a plastic frame 10 having a hot-melt adhesive layer 16. The power generating elements 11 and the plastic frame 10 are interposed between a pair of outer jackets 9, 9 each of which has a hot-melt layer 16, and melt-bonded with peripheral hot-melt adhesive layers 16 in airtightness. The outer jacket is the stack comprising a polypropylene hot-melt adhesive layer 12, a nylon layer 13, an aluminium layer 14, and a polyester layer 15, and two outer jackets are bonded through the hot-melt adhesive layers 12. The capacity change of a battery is prevented even if bending stress is applied.



LEGENDE zu den Bibliographiedaten

- (54) Titel der Patentanmeldung (11) Nummer der JP-A2 Veröffentlichung (12) Anmeldetag in Japan
 (21) Aktenzeichen der JP-Anmeldung (71) Anmelder (72) Erfinder
 (43) Veröffentlichungstag (52) Japanische Patentklassifikation
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